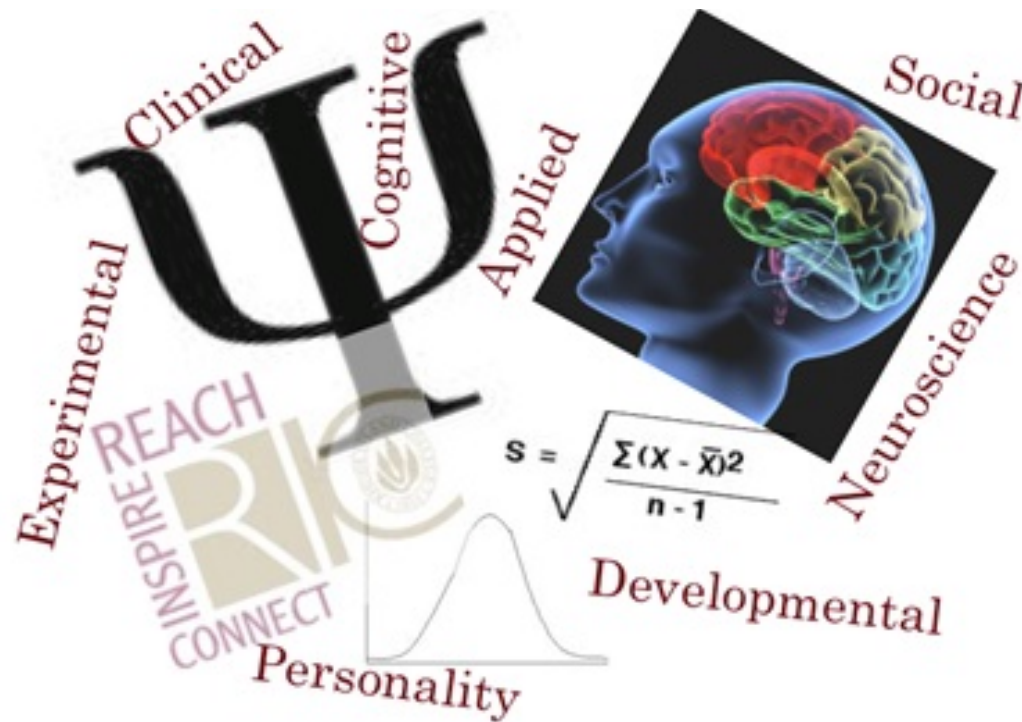


PSYC202: Research Methods

Marcus Cappiello



Agenda

- Brief introduction into finding reliable, peer-reviewed articles
- Lab: research article

Finding an empirical article

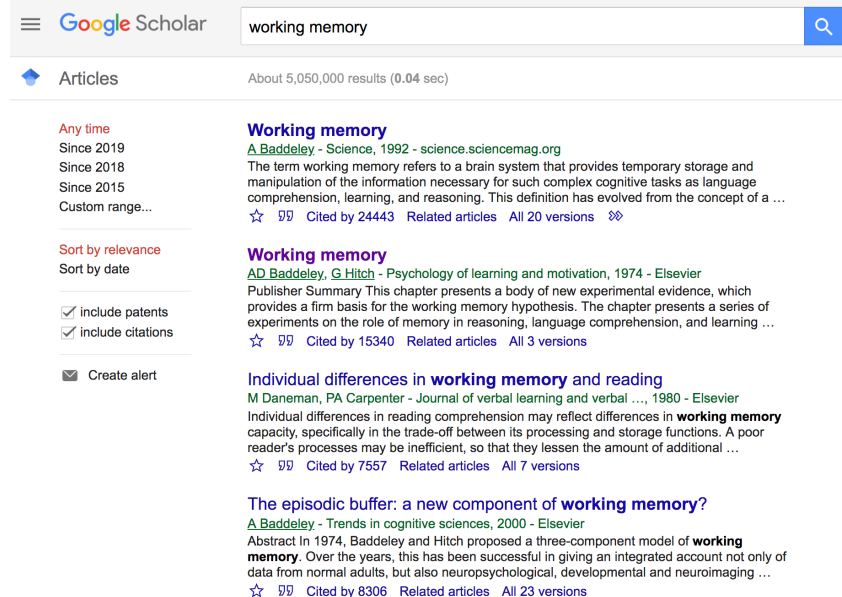
- Pubmed, or psychinfo will always be reliable
- Most searches are done through google scholar
 - How do you know if it is trust worthy?

Evaluating a journal

- Impact factor
 - How many people does the journal reach?
 - Average number of citations within two years
 - More prestigious journals have a larger impact factor
 - Easiest just to google it

Evaluating an article

- Number of citations!
 - If more people are citing an article, the more impactful it is







Google Scholar search results for "working memory". The search bar shows "working memory" and a magnifying glass icon. Below the search bar, it says "Articles" and "About 5,050,000 results (0.04 sec)".


On the left side, there are filters:

- Any time**
 - Since 2019
 - Since 2018
 - Since 2015
 - Custom range...
- Sort by relevance**
 - Sort by date
- ☒ include patents
- ☒ include citations
- ☐ Create alert

The search results show three articles:

- Working memory**
A Baddeley - Science, 1992 - science.sciencemag.org
The term working memory refers to a brain system that provides temporary storage and manipulation of the information necessary for such complex cognitive tasks as language comprehension, learning, and reasoning. This definition has evolved from the concept of a ...
☆  Cited by 24443 Related articles All 20 versions 
- Working memory**
AD Baddeley, G Hitch - Psychology of learning and motivation, 1974 - Elsevier
Publisher Summary This chapter presents a body of new experimental evidence, which provides a firm basis for the working memory hypothesis. The chapter presents a series of experiments on the role of memory in reasoning, language comprehension, and learning ...
☆  Cited by 15340 Related articles All 3 versions
- Individual differences in working memory and reading**
M Daneman, PA Carpenter - Journal of verbal learning and verbal ..., 1980 - Elsevier
Individual differences in reading comprehension may reflect differences in **working memory** capacity, specifically in the trade-off between its processing and storage functions. A poor reader's processes may be inefficient, so that they lessen the amount of additional ...
☆  Cited by 7557 Related articles All 7 versions

Below these, there is another article:

- The episodic buffer: a new component of working memory?**
A Baddeley - Trends in cognitive sciences, 2000 - Elsevier
Abstract In 1974, Baddeley and Hitch proposed a three-component model of **working memory**. Over the years, this has been successful in giving an integrated account not only of data from normal adults, but also neuropsychological, developmental and neuroimaging ...
☆  Cited by 8306 Related articles All 23 versions

Reading an article

- Read the abstract and conclusion, along with the figures.
 - After, read through the rest of the paper in order (intro-discussion)

Citing an empirical article

- Author, F.M. (Publication year). Article Title. *Journal Title*, Volume(Issue), pp.-pp. doi:XX.XXXXX or Retrieved from journal URL
- Ex: Trier, J. (2007). “Cool” engagements with YouTube: Part 2. *Journal of Adolescent & Adult Literacy*, 50(7), 598-603. doi:10.1598/JAAL.
50.7.8

Lab 1

Sections of a research article: **introduction, methods, results, discussion.**

1. Lab/ library assignment
2. Due beginning of next class (9/3)
3. Pull/copy/read **one** research article (not a review article, not a chapter) from a trusted source from the last five years.
4. Addressing each section listed above in bold, write a two page summary of the article.
5. Using APA format, reference your article at the end of your summary.
6. Use your own words—no quotes.
7. This can be any area of psychology so pick something you're interested in!